

# Maps User Guide

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Issue 1

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Issue 1

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# Introduction

Welcome to Maps, your navigation tool of the 21st century. Here is important background information before you get started.

## System requirements

To use Maps, you need the following:

- Mobile device with S60 3.1 or 3.2 edition.
- Minimum of 5 MB free space either in the device memory or compatible memory card.

## About GPS

The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. The GPS receiver

should only be used outdoors to allow reception of GPS signals.

Any GPS should not be used for precise location measurement, and you should never rely solely on location data from the GPS receiver and cellular radio networks for positioning or navigation.

The trip meter has limited accuracy, and rounding errors may occur. Accuracy can also be affected by availability and quality of GPS signals.

Assisted GPS (A-GPS) is used to retrieve assistance data over a packet data connection, which assists in calculating the coordinates of your current location when your device is receiving signals from satellites.

## GPS receiver

If your device has an internal GPS receiver, you can use it with Maps. Using the internal GPS receiver may drain the device battery faster.

### **Use Maps with a compatible external GPS receiver**

1. Fully charge your GPS receiver, and switch it on.

2. Set up a Bluetooth connection between your device and the GPS receiver.
3. Place the GPS receiver in a position with an unobstructed view to the sky.
4. Open the Maps application, and select the external GPS receiver.

It may take several minutes to establish the first GPS connection. Subsequent connections are faster, but, if you have not used GPS for several days, or you are very far from the last location you used it, it may take a while to find a strong satellite signal.

### **Use the mobile network for positioning**

If your mobile device supports assisted GPS (A-GPS), you can use the mobile network to find your current location even indoors. This is faster but less accurate than with GPS, and you cannot use the location as a starting point for navigation.

To use the mobile network for positioning, start the Maps application, and select **Network based** as the positioning method. When your GPS connection is ready, it replaces mobile network as the positioning method. For information about the mobile network data transmission charges, contact your service provider.

# Get started

## About Maps

With Maps, you can see your current location on the map, browse maps for different cities and countries, search for addresses and different points of interest, plan routes from one location to another, and save locations and send them to compatible devices. You can also purchase licences for extra services, such as travel guides, traffic information, and navigation service with voice guidance. These services are not available for all countries or regions.

When you use Maps for the first time, you may need to select a cellular or a WLAN access point for downloading maps.

If you browse to an area which is not covered by maps already downloaded in your device, a map for the area is automatically downloaded through the internet. Some maps may be available in your device or memory card. You can also use the Nokia Map Loader PC software to download maps. To install Nokia Map Loader to a compatible PC, go to <http://maps.nokia.com>.

Downloading maps may involve the transmission of large amounts of data through your service

provider's network. Contact your service provider for information about data transmission charges.

To connect to the internet automatically when you start Maps, select **Options > Tools > Settings > Internet > Go online at start-up > Always on**.

To prevent automatic downloading of maps, select **Options > Tools > Settings > Internet > Go online at start-up > Never**.

To set the device to ask your permission before connecting to the internet, select **Options > Tools > Settings > Internet > Go online at start-up > Always ask**.

To be informed when your device registers to a network other than your home network, select **Options > Tools > Settings > Internet > Roaming warning > On** (shown only when you are online). For details and roaming costs, contact your service provider.



**Tip:** To avoid data transfer costs, you can also use Maps without an internet connection, and browse the maps that are saved in your device or memory card.

Almost all digital cartography is inaccurate and incomplete to some extent. Never rely solely on the

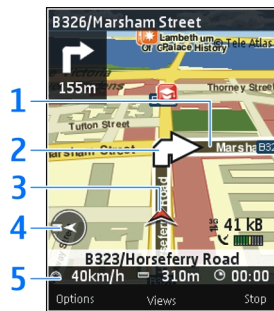
cartography that you download for use in this device.

## Map elements



### Browse maps

- 1 — Main street (yellow)
- 2 — Secondary street (grey)
- 3 — Selected location
- 4 — Search field
- 5 — Indicator area
- 6 — Point of interest (for example, a railway station or a museum)



### Navigate

- 1 — Route (dark grey)
- 2 — Direction (big arrow)
- 3 — Your location (arrow if driving, dot if walking)
- 4 — Compass rose
- 5 — Information bar (speed, distance, time)

# Browse maps


The map coverage varies by country and region.

When you open Maps, the capital of the country you are in or the location that was saved from your last session is shown. The map of the location is also downloaded, if needed.

## Move on a map

### Your location

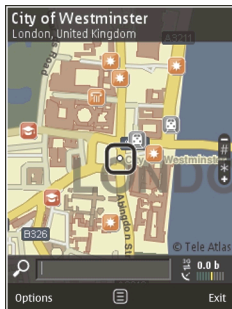
To zoom in to your GPS position or your last known location, press **0**, or select **Options > My position**.

When the GPS connection is active,  shows your current location on the map.

### Move and zoom

To move on the map, scroll up, down, left, or right with the scroll key. The map is oriented towards north by default.

When you browse the map on the display, a new map is automatically downloaded if you scroll to an area which is not covered by maps already downloaded. These maps are free of charge, but downloading may involve the transmission of large amounts of data through your service provider's network. For more information on data transmission charges, contact your service provider. The maps are automatically saved in the device memory or on a compatible memory card (if inserted).



**Tip:** To avoid data transfer costs, use Nokia Map Loader to download maps. [See "Nokia Map Loader", p. 20.](#)



To zoom in and out on the map, press \* and #, or the left and right shift keys, if your device has a full keyboard.

## Adjust the map view

You can adjust the map view in several ways to suit your location or usage. Here are only a few examples. [See "Settings", p. 18.](#)

### System of measurement

To define the measurement system used in the maps, select **Options > Tools > Settings > Map > System of measurement > Metric** or **Imperial**.

### Points of interest

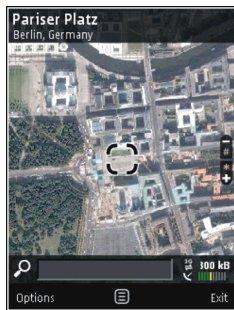
To define what kinds of points of interest are shown on the map, select **Options > Tools > Settings > Map > Categories** and the desired categories.

### Day or night view


To adjust the map for car navigation during daytime or night-time, select **Options > Tools > Settings > Map > Colours > Day mode** or **Night mode**.

## Change map type


To change the map type, select **Options > Map view > Map, 3D, Satellite, or Hybrid**. The satellite and hybrid maps are available for browsing maps and pedestrian navigation, and they cannot be downloaded with Nokia Map Loader. Satellite data is not available for all regions.



## Display indicators

The GPS indicator  on the bottom right corner of the display shows the availability and strength of the satellite signal. One bar is one satellite. When the device tries to find a satellite, the bar is yellow. When the device receives enough data from the satellite to establish a GPS connection, the bar turns green. The more green bars, the stronger the GPS connection.

Initially, your device must receive signals from at least four satellites to calculate the coordinates of your location. After the initial calculation, signals from three satellites may be enough.

The data transfer indicator  21.5 kb shows the internet connection used and the amount of data transferred since the application started.

# Find places

Need directions? Looking for a restaurant? Maps helps you get there.

## Find locations

To find a location in the city or area displayed on the map, enter the full or partial address of the location in the search field, and press the scroll key. To find a location in another city, enter the city and the full or partial address, such as **London Oxford Street**, and press the scroll key. For the best results, enter the name of the city in the local language.



**Tip:** If unsure of the name of the location, enter only the first characters of the search word. For the best search results, enter at least three characters.

To find a specific address, or an address in another country, press the scroll key, and select **Search > Addresses**. **Country/Region \*** and **City/Post code \*** are mandatory.



**Tip:** To search for locations in another country using the search field, enter also the name of the country in the search field: **Rome Italy**. Enter the name of the country in

English, or use the three letter ISO-code (ITA for Italy, GBR for Great Britain, CHN for China).


To import a location address from the Contacts application, press the scroll key and select **Search > Addresses > Options > Contact**.


If you search for locations without an internet connection, the search results are limited to a radius of 50 km (31 miles).

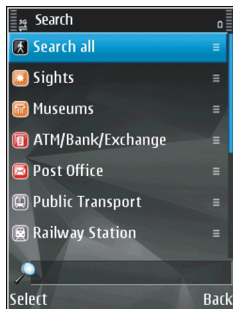
### Search by categories

To make it easier to find the place you are looking for, the search results are grouped by categories. To limit the search to one category, select **Options > Search**. You can also use the search field for finding

places in the categories. Enter the search text in the field and select **Search**.

 **Example:** To find restaurants close to your location, select **Options** > **Search** > **My places** > **Eat & Drink** > **Restaurants**.

 **Example:** To find a specific hotel, select **Options** > **Search** > **My places** > **Accommodation**. Enter the name of the hotel in the search field, and select **Search all**.



## Plan a route

To plan a route, select your start point on the map or search for a location, press the scroll key, and select **Add** > **Add to route**.

To define the destination and add more locations for your route, search for the location, and select **Options** > **Add route point**.

To change the order of the locations in the route, select a location, press the scroll key and select

**Move**. Scroll to the place where you want to move the location, and select **Select**.

To edit the route, press the scroll key, and select **Edit route**.

To define the settings for the route, select **Options** > **Settings**.

To show the route on the map, select **Options** > **Show route**.

To navigate to the destination by car or on foot, if you have purchased a licence for these extra services, select **Options** > **Start driving** or **Start walking**.

To save the route, select **Options** > **Save route**.

## Save and send locations

To save a location to your device, press the scroll key, and select **Add** > **Add to My places**. The location is saved in **Favourites**.

To send a location to a compatible device, press the scroll key, and select **Send**. If you send the location in a text message, the information is converted to plain text.

# View your saved items

To view the items you have saved to your device, select **Options** > **My places**.

## Places

To view the locations you have saved to your device, select **My places**.

To organise the saved locations, select **Options** > **Sort**.

To view the selected location on the map, press the scroll key, and select **Show on map**.

To add the location to a route, press the scroll key, and select **Add** > **Add to route**.

## History

To check which locations you have searched for on the map, select **History**.

To view the selected location on the map, press the scroll key, and select **Show on map**.

To send the location to a compatible device, press the scroll key, and select **Send**.

## Collections

To create a collection of your favourite places, such as restaurants or museums, select **Collections** >

**Options** > **New collection**. Enter a name for the collection, and select an icon to describe it.

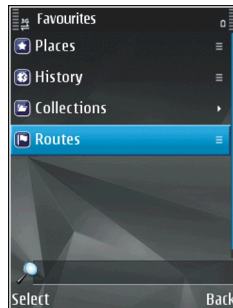
To add locations to your collection, open **My places**, select a location, press the scroll key, and select **Add** > **Add to collection**.

To view the selected location on the map, press the scroll key, and select **Show on map**.

## Routes

To view the routes you have saved, select **Routes**.

To open the selected route, select **Options** > **Open**.



# Extra services for Maps

You can purchase a licence and download travel guides to your device. You can also purchase a licence for pedestrian or car navigation and traffic information service. You can pay for the licence through a credit card or in your phone bill, if supported by your service provider.

Traffic information, travel guides, and related services are generated by third parties independent of Nokia. The information may be inaccurate and incomplete to some extent and is subject to availability. Never rely solely on the aforementioned information and related services.

To view and update your licenses, select **Options > Extras > My licenses**.

## Transfer a licence

You can transfer a licence from your device to another compatible device, but the licence can only be used in one device at a time. To transfer the licence, insert your SIM card to the other device. When prompted, confirm that you want to transfer the licence. The licence is disabled from the old device.

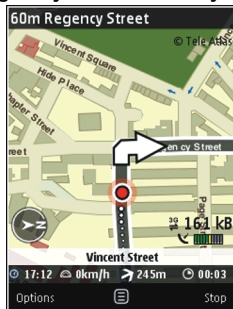
## Walk to your destination

The walking route ignores any possible limitations to car navigation, such as one-way streets and turn restrictions, and includes areas such as pedestrian zones and parks. It also prioritises walkways and smaller roads, and omits highways and motorways.

The route is drawn to the map, and the arrow indicates the direction. The small dots show in which direction you are walking.

The length of a walking route is limited to a maximum of 50 kilometres (31 miles) and the travelling speed to a maximum of 30 km/h (18 miles/h). If the speed limit is exceeded, navigation stops and is resumed once the speed is back within limits.

There is no voice guidance available for pedestrian navigation.



To purchase a licence for pedestrian navigation, select **Options > Extras > Walk**. The licence is region-specific and can be used only in the selected area. You can pay for the licence through a credit card or in your phone bill, if supported by your service provider.

To start navigating, select a location and **Options > Walk to**.

To find an alternative route, select **Options > Different route**.

To stop navigating, select **Stop navigation**.

## Drive to your destination

To purchase a licence for pedestrian and car navigation with voice guidance, select **Options > Extras > Drive & Walk**. The licence is region-specific and can be used only in the selected area.

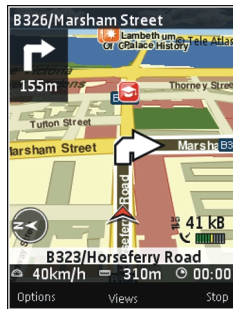
To start navigating by car, select a location, press the scroll key, and select **Drive to**. When you use car navigation for the first time, you are asked to select the language of the voice guidance and download the related voice guidance files. To change the language later, in the main view, select

**Options > Tools > Settings > Navigation > Voice guidance**. Voice guidance is not available for pedestrian navigation.



**Tip:** You can also use Nokia Map Loader to download the voice guidance files.

To switch between different views during the navigation, press the scroll key, and select



**Manoeuvre view, Bird's-eye view, or Arrow view.**

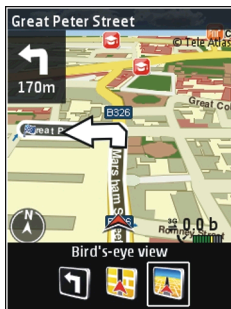
To find an alternative route, select **Options** > **Diff. route**.

To repeat the voice guidance, select **Options** > **Repeat**.

To adjust the volume of the voice guidance, select **Options** > **Volume**.

To view information about traffic events that may affect your travel (extra service), select **Options** > **Traffic info**.

To stop navigating, select **Stop navigation**.



## Traffic information

The real-time traffic information service provides information about traffic events that may affect your travel. The traffic information service is an extra service that you can purchase and download into your device, if available in your country or region.

Downloading extra services may involve the transmission of large amounts of data through your

service provider's network. Contact your service provider for information about data transmission charges.

To purchase a licence for the traffic information service, select **Options** > **Extras** > **Traffic info**.

To view information about traffic events, select **Options** > **Traffic info**. The events are shown on the map as triangles and lines.

To view the details of an event, including possible rerouting options, select the event and **Options** > **Open**.

To update the traffic information, select **Update traffic info**.

## Travel guides

Travel guides provide information about attractions, restaurants, hotels, and other points of interest. Some guides contain videos and audio clips. The guides must be purchased and downloaded before use.

Downloading travel guides may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.



To purchase and download travel guides, or to view downloaded ones, select **Options** > **Extras** > **Guides**.

To browse travel guide categories, select a category, and press the scroll key. If there are subcategories, select a subcategory, and press the scroll key again.

To download a new guide to your device, scroll to the desired guide, and select **Yes**. You can pay for the guides through a credit card or in your phone bill, if supported by your service provider.



**Tip:** There is a 10-minute free trial available for travel guides. To try out a guide for free, select **Options** > **Extras** > **Guides** and the desired guide.

# Settings

In Settings, you can change, for example, how the application connects to the internet or what transport mode is used.

## Internet settings

Select **Options** > **Tools** > **Settings** > **Internet**.

To select whether to allow Maps to open an internet connection when you start the application, select **Go online at start-up**.

To select the access point to be used when connecting to the internet, select **Default access point**.

To select whether to be notified when your device registers to a network other than your home network, select **Roaming warning**.

## Navigation settings

Select **Options** > **Tools** > **Settings** > **Navigation**.

To select the language of the voice guidance, select **Voice guidance**. You may need to download the

voice files before you can select the language. Downloading voice files may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

To define the backlight setting, select **Backlight**.

To select how often the information about traffic events is updated, select **Traffic info update**.

To set the device to plan a new route to avoid traffic events, select **Reroute due to traffic**.

## Route settings

Select **Options** > **Tools** > **Settings** > **Route**.

To select the mode of transportation, select **Transport mode** > **Walk** or **Drive**. If you select **Walk**, one-way streets are regarded as normal streets and walkways can be used.

To calculate the fastest route, select **Route selection** > **Faster route**. This option is available only if you have selected **Drive** as the mode of transportation.

To calculate the shortest route, select **Route selection** > **Shorter route**.

To plan a route that combines the advantages of both the shortest and the fastest route, select **Route selection** > **Optimised**.

## Map settings

Select **Options** > **Tools** > **Settings** > **Map**.

To select the categories of points of interest you want to display on the map, select **Categories**. For example, to display restaurants, select **Restaurants**.

To optimise the colour scheme for day or night usage, select **Colours**.

To select how much of the device memory or space available on the compatible memory card (if inserted) can be used to store map data, select **Maximum memory use**. When the memory limit is reached, the oldest data is removed.

To select whether to use the metric or imperial system, select **System of measurement**.

# Get updates

You can update the Maps application and the maps saved in your device or memory card either using your device, the Maps website, or Nokia Map Loader.



**Tip:** You can use Nokia Map Loader also to download new maps, not just to update existing ones.

## Update maps

To update the maps on your device, select **Options > Tools > Settings > Map > Options > Check for map updates**, or use Nokia Map Loader.

To update the Maps application, use the Download! application in your device, or go to <http://maps.nokia.com>.

## Nokia Map Loader

With the Nokia Map Loader application for PC, you can download maps and voice guidance files from the internet to the device memory or a compatible memory card. You must use the Maps application and browse maps at least once before using Nokia

Map Loader, as Nokia Map Loader uses the Maps history information to check which version of the maps to download.

To install Nokia Map Loader to a compatible PC, go to <http://maps.nokia.com>, and follow the instructions on the screen.

# Shortcuts

To change the map type, press **1**.

To return to your current location, press **0**.

To adjust the map for car navigation during daytime or night-time, press **3**.

To find a different route in car navigation, press **5**.

To adjust the volume of voice guidance in car navigation, press **6**.

To add a stopover to the route in car navigation, press **7**.

To view information about traffic incidents in car navigation, press **8**.

To check the route information in car navigation, press **9**.

## Keypad shortcuts

To zoom in on the map, press **\***.

To zoom out on the map, press **#**.

To repeat the voice guidance in car navigation, press **2**.

To save the current place in car navigation, press **4**.

## Full keyboard shortcuts

To zoom in on the map, press the left shift key.

To zoom out on the map, press the right shift key.

To repeat the voice guidance in car navigation, press **4**.

To save the current place in car navigation, press **2**.